



TITLE:

Contents of vol. 46

AUTHOR(S):

CITATION:

Contents of vol. 46. The Review of Physical Chemistry of Japan 1976, 46(2)

ISSUE DATE:

1976-12-25

URL:

<http://hdl.handle.net/2433/47031>

RIGHT:

The Review of Physical Chemistry of Japan

Vol. 46, 1976

CONTENTS

No. 1

Noriyuki Sotani : ESR Studies of the Hexagonal Hydrate of Molybdenum Oxide and Its Changes on Treatments in Vacuo and in Hydrogen.....	1
Noriyuki Sotani : The Reaction between Thiophene and Hydrogen on the Hexagonal Hydrate of Molybdenum Oxide	9
Etsuko Inada : The Pressure and Temperature Effects on the Walden Products of Na^+ , K^+ , Cs^+ and I^- in Water	19
Kiyoshi Shimizu, Noriaki Tsuchihashi and Yoshio Furumi : Effect of Pressure on Dissociation of Nickel Sulfate Ion Pair	30
Koichi Watanabe, Masahiko Uematsu and Shogo Saegusa : Thermodynamic Properties of Gaseous Propane and Propene	39
Erratum : T. Makita, Y. Tanaka and A. Nagashima, Rev. Phys. Chem. Japan, 44, 98 (1974).....	54
Erratum : M. Nakahara and J. Osugi, Rev. Phys. Chem. Japan, 45, 69 (1975).....	56

No. 2

Toshihiro Nakayama, Muneo Sasaki and Jiro Osugi : Pressure Effect on the EDA-Complexes Formed between Mesitylene, Hexamethylbenzene and Tetracyanoethylene in Carbon Tetrachloride	57
Hisayuki Inoue, Kimihiko Hara and Jiro Osugi : The Reaction of Nitrile with α -Hydrogens under High Pressure I, Dimerization and Trimerization of Malononitrile	64
Hidemoto Nojima, Minoru Saito and Masaru Inagakki : Equilibrium Distribution Coefficient of Stilbene-Azobenzene System	76
Akira Otani : Explosion Reaction of Olefins, III Explosion Reaction of <i>trans</i> -Butene-2-Oxygen Mixture	82
Shinji Takahashi and Hiroji Iwasaki : Evaluation and Correlation of the Self-Diffusion Coefficients of Gaseous Methane	88
S. D. Hamann : Comments on "Ion-Ion and Ion-Water Interactions at High Pressure"	95
Boris S. El'yanov : Some Notes in Connection with "Ion-Ion and Ion-Water Interactions at High Pressure"	96
Masaru Nakahara and Jiro Osugi : On Ionic Activity Coefficients at High Pressure	100

Published by

THE PHYSICO-CHEMICAL SOCIETY OF JAPAN

Faculty of Science, Kyoto University, Kyoto, Japan